

439-118
A-102
Institute Supplemental Drawing Number 11966
French Institute
E-1 6/12/66

DRAWING NUMBER

DRAWING NUMBER

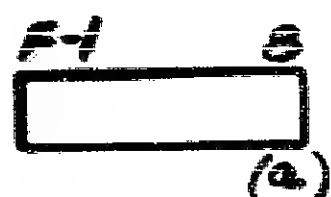
DRAWING NUMBER

PLANT HOLD CORPORATION • IRVINE, CALIFORNIA
REQUIREMENT NUMBER 0708A
REVISION LOG OF THIS LINE

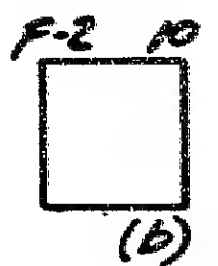
REVISION LOG OF THIS LINE

REVISION LOG OF THIS LINE

LIST OF SYMBOLS



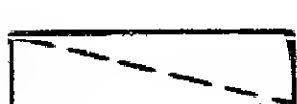
RECESSED FLUORESCENT LIGHTING FIXTURE



2' x 2' RECESSED FLUORESCENT LIGHTING FIXTURE



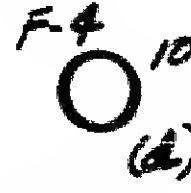
EXISTING FLUORESCENT LIGHTING FIXTURE TO REMAIN



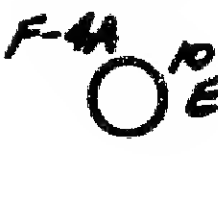
EXISTING FLUORESCENT LIGHTING FIXTURE (RELOCATED)



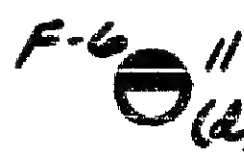
EXISTING FLUORESCENT LIGHTING FIXTURE TO BE REMOVED



6" DIAMETER CEILING MOUNTED FLUORESCENT DOWN LIGHT



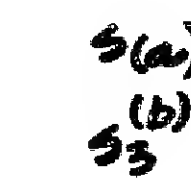
6" DIAMETER CEILING MOUNTED FLUORESCENT DOWN LIGHT, 'E' DESIGNATES ENERGY LPS.



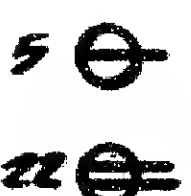
RECESSED COMPACT FLUORESCENT WALL WASHER



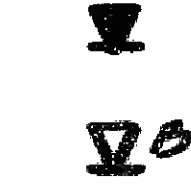
EXIT SIGN - ARROW SHOWS DIRECTION



SINGLE POLE LIGHTING SWITCH



THREE WAY LIGHTING SWITCH



SINGLE RECEPTACLE 20A, 125V, 2P, 3WIRE GROUNDING TYPE.



DUPLEX RECEPTACLE 15A, 125V, 2P, 3WIRE GROUNDING TYPE.



TELEPHONE OUTLET



COMPUTER OUTLET - LETTER DENOTES CONNECTION GROUP



CONDUIT RUN CONCEALED IN TRUNK CEILING, ARROW DENOTES CONDUIT ROUTE TO PANEL. EACH MATCH MARK INDICATES 1/2" WIRE AND WIRE. A MATCH MARK WITH LETTER 'G' INDICATES 1/2" WIRE GROUNDING WIRE.



EXISTING POWER & COMMUNICATION FLOOR DUCT, RECTANGULAR DENOTES ACCESS OPENING IN FLOOR.



JUNCTION BOX



CONTROL TRANSFORMER 10, 100VA, 120-24 Volts



THERMOSTAT



MOTORIZED DAMPER OPERATED AT 60/Hz, 24V AC



EXISTING PANELBOARD - PANEL DESIGNATION & PANEL VOLTAGE RATING (E.G. 400/277 OR 200/120V, AS SHOWN ON PLANS).

- 1) NUMERAL INDICATES CIRCUIT DESIGNATION
- 2) LETTER IN PARENTHESES INDICATES CONTROL SWITCH
- 3) NUMERAL & LETTER COMBINATION INDICATES FIXTURE TYPE. FOR DESCRIPTION SEE LIGHTING FIXTURE SCHEDULE.

20A, 277V, MOUNTED 42" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. SUB-LETTER INDICATES FIXTURE(S) CONTROLLED.

FLUSH MOUNTED ON WALL 10" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. NUMERAL INDICATES CIRCUIT DESIGNATION.

FLUSH MOUNTED ON WALL 10" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.

EXISTING PANEL RP102N - 200/120V, 3P, 4WIRE, 225A. PAUS

| LOAD WATTS | SERVICE | TRIP | CIR. NO. | CIR. NO. | TRIP | SERVICE | LOAD WATTS |
|------------|----------------------|------|----------|----------|------|-----------------------------|------------------------------|
| | ASSIGNED | 15A | 1 | 2 | 15A | ASSIGNED | |
| | | | 3 | 4 | | | |
| | | | 5 | 6 | | | |
| 1200 | RECEPTACLES (8) | 15A | 7 | 8 | 20A | COPIER | 1500 * |
| * 1200 | RECEPTACLES (8) | 15A | 9 | 10 | 20A | COPIER | 1500 |
| 1200 | RECEPTACLES (8) | 15A | 11 | 12 | 20A | COPIER | 1400 |
| 1200 | RECEPTACLES (8) | 15A | 13 | 14 | 15A | ASSIGNED | |
| 1200 | RECEPTACLES (8) | 15A | 15 | 16 | | | |
| 900 | RECEPTACLES (6) | 15A | 17 | 18 | | | |
| * 1050 | RECEPTACLES (7) | 15A | 19 | 20 | | | |
| * 600 | RECEPTACLES (5) | 15A | 21 | 22 | | | |
| | ASSIGNED | | 23 | 24 | | | |
| | | | 25 | 26 | 15A | REFRIGERATOR - STORAGE RM. | 600 |
| | | | 27 | 28 | 15A | ASSIGNED | |
| | | | 29 | 30 | 15A | REFRIGERATOR - COL. 110/450 | 600 * |
| 800 | COMPUTER RECEPTACLES | 15A | 31 | 32 | 20A | ASSIGNED | |
| | ASSIGNED | 15A | 33 | 34 | 20A | ASSIGNED | |
| | | 15A | 35 | 36 | 15A | COMPUTER RECEPTACLES | 800 * SEE NOTE "B" (TYPICAL) |
| | | 20A | 37 | 38 | 20A | ASSIGNED | |
| * 1200 | RECEPTACLES (8) | 15A | 39 | 40 | | | |
| * 1200 | RECEPTACLES (8) | 15A | 41 | 42 | | | |

EXISTING PANEL "RP102NR" - 200/120V, 3P, 4WIRE, 225A. PAUS

| LOAD WATTS | SERVICE | TRIP | CIR. NO. | CIR. NO. | TRIP | SERVICE | LOAD WATTS |
|------------|-----------------------------|------|----------|----------|---------------|---|-------------------------------|
| 1300 | RECEPTACLES (10) W.S. #5 #6 | 15A | 1 | 2 | 15A | MOTORIZED DAMPERS (3) & PROTECTION SCREEN | 200 |
| 1350 | RECEPTACLES (9) W.S. #4 #7 | 15A | 3 | 4 | 15A | ASSIGNED | |
| | ASSIGNED | 15A | 5 | 6 | | | |
| | | 20A | 7 | 8 | 15A | EMERGENCY LPS. (3) EXIT LIGHTS (3) | 240 LOCK CLIP SEE NOTE A & B. |
| | | | 9 | 10 | 15A | ASSIGNED | |
| | | | 11 | 12 | 30A | | |
| | | | 13 | 14 | 15A | | |
| | | | 15 | 16 | | | |
| | | 15A | 17 | 18 | | | |
| | | | 19 | 20 | 20 AMP 2 POLE | ASSIGNED | |
| | | | 21 | 22 | | | |
| | | | 23 | 24 | | | |
| | | | 25 | 26 | 15A | TELEPHONE RECEPTACLES (3) | 300 |
| | | | 27 | 28 | 15A | ASSIGNED | |
| | | | 29 | 30 | | | |
| | | | 31 | 32 | 15A | SPARE | |
| | | | 33 | 34 | 15A | SPARE | |
| | | | 35 | 36 | 15A | ASSIGNED | |
| | | | 37 | 38 | | | |
| | | | 39 | 40 | 15A | SPARE | |
| | | | 41 | 42 | 15A | ASSIGNED | |

- NOTES:
- PROVIDE LOCKING CLIP ON EXIT #3 BREAKER TO INSURE THAT BREAKER CANNOT BE SWITCHED OFF.
 - * - DENOTES BREAKERS TO BE INSTALLED. BREAKER TRIPS SHALL BE SIZED AS SHOWN ON PANEL SCHEDULES & SHALL BE OF SAME TYPE & INTERRUPTING CAPACITY AS EXISTING PANEL BREAKERS.